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NEWS 3	Feb 24	PCTGEN now available on STN
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NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	SEP 09	CA/CAplus records now contain indexing from 1907 to the present
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
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NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
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NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS 36	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS 37	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right

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                  Truncation
 NEWS 38  AUG 18  Simultaneous left and right truncation added to ANABSTR

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 09:43:27 ON 17 SEP 2003

=> file reg
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                               0.21       0.21

FILE 'REGISTRY' ENTERED AT 09:43:46 ON 17 SEP 2003
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STRUCTURE FILE UPDATES:   16 SEP 2003  HIGHEST RN 586945-00-8
DICTIONARY FILE UPDATES:  16 SEP 2003  HIGHEST RN 586945-00-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s glycyrrhizin
L1          72 GLYCYRRHIZIN

=> s glycyrrhizinic
L2          12 GLYCYRRHIZINIC

=> s famotidine
L3           5 FAMOTIDINE

=> file caplus uspatful biosis scisearch europatfull
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
```

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                                                        ENTRY     SESSION
FULL ESTIMATED COST                                     13.06       13.27

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=> s l1
L4         4605 L1

=> s l2
L5         3299 L2

=> s l3
L6         4653 L3

=> s l1 and l2
L7         3226 L1 AND L2

=> s l7 and l6
L8           10 L7 AND L6

=> d l8 1-10 abs bib

L8   ANSWER 1 OF 10  CAPLUS  COPYRIGHT 2003 ACS on STN
AB   Title compns., useful for treatment of gastric ulcer, acute gastritis,
     etc., contain (A) stomachic agents, (B) histamine H2 receptor antagonists
     and/or proton pump inhibitors, and optionally (C) mucous membrane
     repairing agents and antacid agents.  Thus, tablets contg. famotidine,
     anise ext., aldioxa, and synthetic hydrotalcite showed strong
     deodorization effect on bad mouth odor in volunteers.
AN   2003:559026  CAPLUS
DN   139:111674
TI   Pharmaceutical compositions for treatment of bad mouth odor and gastric
     mucosal injury
IN   Nishihara, Toru; Kawaguchi, Makoto
PA   Rohto Pharmaceutical Co., Ltd., Japan
SO   Jpn. Kokai Tokkyo Koho, 11 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   JP 2003206238      A2   20030722       JP 2002-322064   20021106
PRAI JP 2001-340345     A    20011106

L8   ANSWER 2 OF 10  CAPLUS  COPYRIGHT 2003 ACS on STN
AB   The products and methods of the present invention provide a means for
     increasing the soly. and bioavailability of active agents.  More
     particularly the invention provides compns. contg. active agents as
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water-sol. complexes with glycyrrhizin, and methods of prepg. such complexes. The invention further provides methods for the prepn. of highly water-sol. complex dosage forms. Monoammonium glycyrrhizin 27 g and 33 g famotidine were dissolved in 1140 g 50% EtOH-H2O mixt. The resulting soln. was then spray-dried to obtain famotidine/glycyrrhizin complex powder. The complex powder (30 g) was blended with 1 g cherry flavor powder, 1 g acesulfame potassium and 44 g sorbitol. The resulting powder, 92 mg as a unit wt., was filled in the water sol. and edible film sachet which was prepd. from 10 mg propylene glycol and 50 mg HPMC. The resulting sachet, which contains 20 mg famotidine, could be directly dropped into water to reconstitute the aq. soln. or taken orally with or without drinking any water.

AN 2002:736055 CAPLUS
DN 137:253008
TI Water-soluble and palatable complexes
IN Chen, Li-Lan H.; Tao, Li; Liang, Alfred
PA Lavipharm Laboratories Inc., USA
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002074238	A2	20020926	WO 2002-US3816	20020208
	WO 2002074238	A3	20030410		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2002147201	A1	20021010	US 2002-71380	20020208
PRAI	US 2001-269785P	P	20010216		

L8 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN
AB Compns. for pharmaceutical and other uses comprise clear aq. solns. of bile acids which do not form any detectable ppts. over selected ranges of pH values of the aq. soln. The compns. comprise (i) water, (ii) a bile acid component in the form of a bile acid, bile acid salt, or a bile acid conjugated with an amine by an amide linkage; and (iii) either or both an aq. sol. starch conversion product and an aq. sol. non-starch polysaccharide. The compn. remains in soln. without forming a ppt. over a range of pH values and, according to one embodiment, remains in soln. for all pH values obtainable in an aq. system. The compn. may further contain a pharmaceutical compd., such as insulin, heparin, bismuth compds., amantadine and rimantadine. For example, soln. dosage forms that did not show any pptn. at any pH were prepd. contg. ursodeoxycholic acid (UDCA) 22 g, 1N NaOH 75 mL, chenodeoxycholic acid (CDCA) 3 g, maltodextrin 875 g, bismuth citrate 4 g, citric acid or lactic acid as needed, and purified water to make 1 L.

AN 2002:185616 CAPLUS
DN 136:252482
TI Preparation of aqueous clear solution dosage forms with bile acids
IN Yoo, Seo Hong
PA USA
SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U. S. 6,251,428.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002031558	A1	20020314	US 2001-778154	20010205
	US 6251428	B1	20010626	US 1999-357549	19990720
PRAI	US 1998-94069P	P	19980724		
	US 1999-357549	A2	19990720		
	US 2000-180268P	P	20000204		

L8 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AB A method of making antacid coated chewing gum products comprises the steps of providing chewing gum cores, a coating syrup comprising a bulk sweetener, calcium carbonate and a binding agent; and applying the coating syrup to the cores and drying the syrup to produce a sugarless coating on the cores. The coating on the cores produces a high viscosity in saliva when the gum is chewed, in that 4.5 g of the coating dispersed in 30 mL of water has a Brookfield viscosity at 23.degree. of at least 1.6 cP. Thus, a formulation contained gum base 30.0, CaCO3 5.0, sorbitol 46.0, mannitol 5.0, glycerin 2.0, sorbitol liq. 10.0, flavor 1.5, and encapsulated high-intensity sweetener 0.5%.

AN 2002:171730 CAPLUS

DN 136:221736

TI Antacid chewing gum products coated with high viscosity materials

IN Zyck, Daniel; Greenberg, Michael J.; Barkalow, David G.; Marske, Scott W.; Urnezis, Philip G.; Mazzone, Philip

PA Wm. Wrigley Jr. Company, USA

SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002017966	A1	20020307	WO 2001-US27341	20010831
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2001088669	A5	20020313	AU 2001-88669	20010831
PRAI	US 2000-653669	A	20000901		
	WO 2001-US27341	W	20010831		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AB A method of making coated chewing gum products contg. an acid blocker, comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener; providing an acid blocker; applying the coating syrup and acid blocker to the cores; and drying the syrup to produce a coating on the cores, the coating contg. the acid blocker. The acid blockers include histamine H2 receptor antagonists selected from the group consisting of cimetidine, famotidine, ranitidine, nizatidine and salts thereof and gastric proton pump inhibitors selected from the group consisting of omeprazole, rabeprazole, and combinations thereof.

AN 2001:677207 CAPLUS

DN 135:216035

TI Coated chewing gum products containing an acid blocker

IN Zyck, Daniel J.; Greenberg, Michael J.; Barkalow, David G.; Marske, Scott W.; Schnell, Philip G.; Mazzone, Philip; Witkewitz, David L.

PA Zyck, Daniel, USA

SO U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 552,290.

CODEN: USXXCO
DT Patent
LA English
FAN.CNT 15

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001021373	A1	20010913	US 2000-748699	20001222
	US 6541048	B2	20030401		
	US 6472000	B1	20021029	US 1999-319054	19990526
	US 6586023	B1	20030701	US 2000-552290	20000419
	WO 2002056699	A1	20020725	WO 2001-US48066	20011214
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-389211	B1	19990902		
	US 2000-552290	A2	20000419		
	WO 1996-US18977	A2	19961127		
	WO 1996-US20252	W	19961223		
	US 1998-112389P	P	19981215		
	US 1999-308972	A2	19990527		
	US 2000-748699	A	20001222		

L8 ANSWER 6 OF 10 USPATFULL on STN
AB The products and methods of the present invention provide a means for increasing the solubility and bioavailability of active agents. More particularly the invention provides compositions containing active agents as water-soluble complexes with glycyrrhizin, and methods of preparing such complexes. The invention further provides methods for the preparation of highly water soluble complex dosage forms.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AN 2002:266322 USPATFULL
TI Water soluble and palatable complexes
IN Chen, Li-Lan H., Edison, NJ, UNITED STATES
Tao, Li, Edison, NJ, UNITED STATES
Liang, Alfred, Edison, NJ, UNITED STATES
PA Lavipharm Laboratories Inc. (U.S. corporation)
PI US 2002147201 A1 20021010
AI US 2002-71380 A1 20020208 (10)
PRAI US 2001-269785P 20010216 (60)
DT Utility
FS APPLICATION
LREP ALLEN BLOOM, C/O DECHERT, PRINCETON PIKE CORPORATION CENTER, P.O. BOX 5218, PRINCETON, NJ, 08543-5218
CLMN Number of Claims: 44
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 1170
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 10 USPATFULL on STN
AB Compositions for pharmaceutical and other uses comprising clear aqueous solutions of bile acids which do not form any detectable precipitates over selected ranges of pH values of the aqueous solution and methods of making such solutions. The compositions of the invention comprise water; a bile acid in the form of a bile acid, bile acid salt, or a bile acid conjugated with an amine by an amide linkage; and either or both an aqueous soluble starch conversion product and an aqueous soluble non-starch polysaccharide. The composition remains in solution without

forming a precipitate over a range of pH values and, according to one embodiment, remains in solution for all pH values obtainable in an aqueous system. The composition, according to some embodiments, may further contain a pharmaceutical compound in a pharmaceutically effective amount. Non-limiting examples of pharmaceutical compounds include insulin, heparin, bismuth compounds, amantadine and rimantadine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AN 2002:54399 USPATFULL
TI Preparation of aqueous clear solution dosage forms with bile acids
IN Yoo, Seo Hong, Wyckoff, NJ, UNITED STATES
PI US 2002031558 A1 20020314
AI US 2001-778154 A1 20010205 (9)
RLI Continuation-in-part of Ser. No. US 1999-357549, filed on 20 Jul 1999, GRANTED, Pat. No. US 6251428
PRAI US 1998-94069P 19980724 (60)
US 2000-180268P 20000204 (60)
DT Utility
FS APPLICATION
LREP BAKER BOTTS L.L.P., 44TH FLOOR, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112-4498
CLMN Number of Claims: 87
ECL Exemplary Claim: 1
DRWN 12 Drawing Page(s)
LN.CNT 2250
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 8 OF 10 USPATFULL on STN
AB Methods and products for delivering a medicament or agent to an individual are provided. The product includes a coating having a medicament or agent. The medicament or agent is present within the coating that surrounds a gum center (the water soluble portion and a water insoluble base portion). By chewing the gum, the medicament or agent is released from the product. Continuing to chew the chewing gum creates a pressure within the buccal cavity forcing the agent or medicament directly into the systemic system of the individual through the oral mucosa contained in the buccal cavity. This greatly enhances the absorption of the drug into the systemic system as well as the bioavailability of the drug within the system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AN 2002:50631 USPATFULL
TI Over-coated chewing gum formulations
IN Ream, Ronald L., Plano, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Wokas, William J., Bolingbrook, IL, United States
Corriveau, Christine L., Orland Park, IL, United States
PA Wm. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)
PI US 6355265 B1 20020312
AI US 2000-510878 20000223 (9)
RLI Continuation-in-part of Ser. No. US 1999-286818, filed on 6 Apr 1999
Continuation-in-part of Ser. No. WO 1999-US29742, filed on 14 Dec 1999
DT Utility
FS GRANTED
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.
LREP Bell, Boyd & Lloyd LLC
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 1508
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 9 OF 10 USPATFULL on STN
AB A method of making coated chewing gum products containing an acid

blocker comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener, providing an acid blocker, applying the coating syrup and acid blocker to the cores and drying the syrup to produce a coating on the cores, the coating containing the acid blocker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AN 2001:155442 USPATFULL
TI Coated chewing gum products containing an acid blocker
IN Zyck, Daniel J., North Riverside, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Barkalow, David G., Deerfield, IL, United States
Marske, Scott W., LaGrange, IL, United States
Schnell, Philip G., Downers Grove, IL, United States
Mazzone, Philip, Griffith, IN, United States
Witkewitz, David L., Bridgeview, IL, United States
PI US 2001021373 A1 20010913
US 6541048 B2 20030401
AI US 2000-748699 A1 20001222 (9)
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000, PENDING Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999, ABANDONED
DT Utility
FS APPLICATION
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610
CLMN Number of Claims: 42
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1018
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 10 OF 10 EUROPATFULL COPYRIGHT 2003 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1336408 EUROPATFULL ED 20030825 EW 200334 FS OS
TIEN WATER-SOLUBLE LIQUID INTERNAL MEDICINE.
TIDE WASSERLOeSLICHES FLUeSSIGES MEDIKAMENT ZUR EINNAHME.
TIFR LIQUIDE HYDROSOLUBLE POUR MEDECINE INTERNE.
IN HASHIMOTO, Yoshimi, c/o Yamanouchi Pharmaceutical Co., Ltd., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo, JP;
FURUYA, Nobuyoshi, c/o Yamanouchi Pharmaceutical Co., Ltd., 180, Ozumi, Yaizu-shi, Shizuoka 425-0072, JP;
KOJIMA, Haruyoshi, c/o Yamanouchi Pharmaceutical Co., Ltd., 180, Ozumi, Yaizu-shi, Shizuoka 425-0072, JP
PA YAMANOUCHI PHARMACEUTICAL CO. LTD., No. 3-11 Nihonbashi-Honcho, 2-chome Chuo-ku, Tokyo 103-8411, JP
PAN 274784
AG Bates, Philip Ian, Reddie & Grose 16 Theobalds Road, London WC1X 8PL, GB
AGN 98181
OS MEPA2003063 EP 1336408 A1 0009
SO Wila-EPZ-2003-H34-T1b
DT Patent
LA Anmeldung in Japanisch; Veroeffentlichung in Englisch; Verfahren in Englisch
DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)
PI EP 1336408 A1 20030820
OD 20030820
AI EP 2001-997305 20011121
PRAI JP 2000-2000357701 20001124
RLI WO 01-JP10175 011121 INTAKZ